

Cornell-Dubilier

Second capacitor facility in outer harbor

Aerovox

Electronic capacitor facility released ~275 tons of PCBs c.1940 – 1977 (slated for demolition 2008/09)



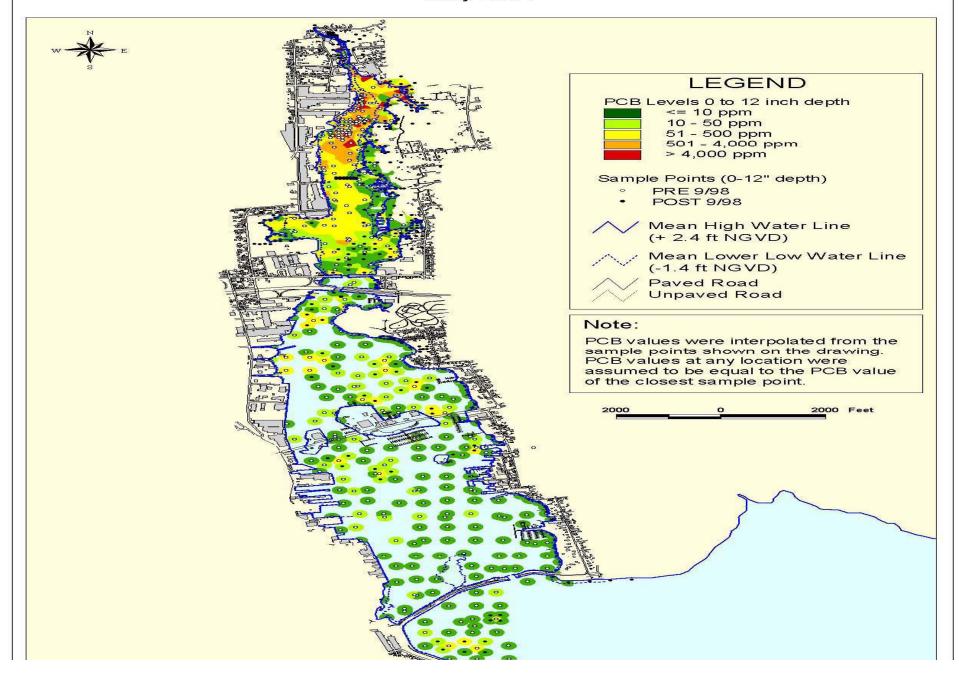
the lower harbor – largest fishing port in US (\$-wise)



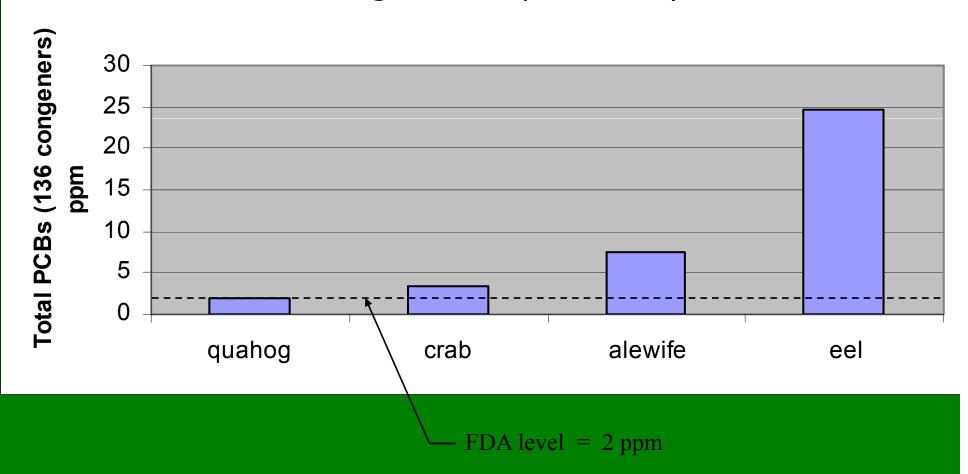


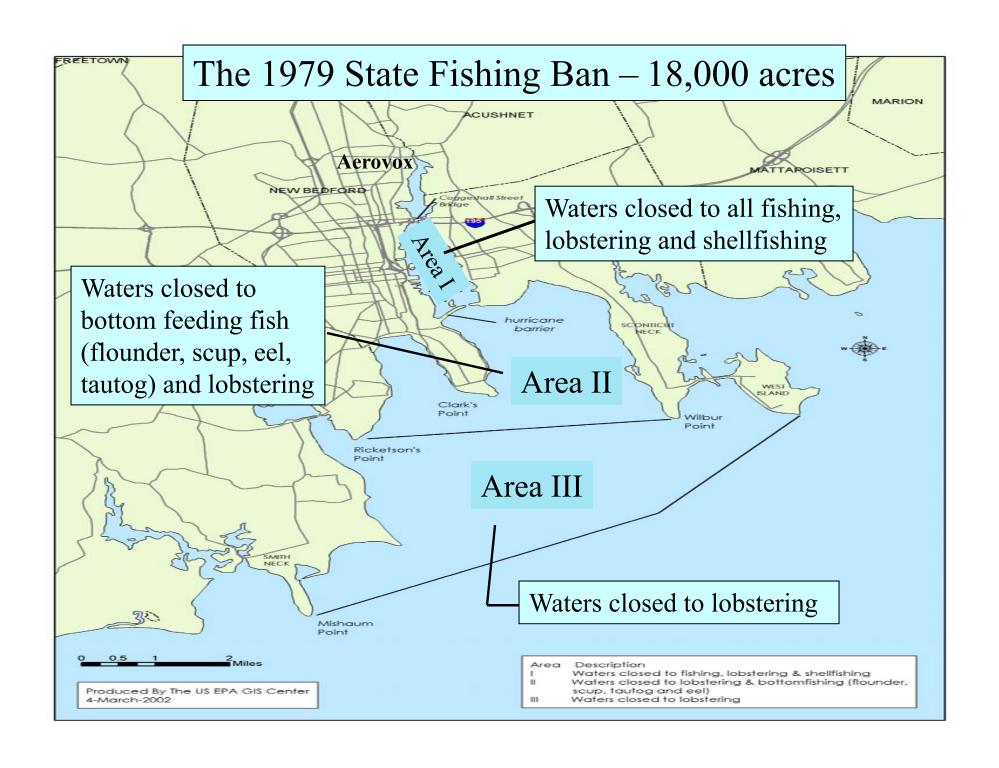
New Bedford Harbor Inferred PCB Levels - 0 to 12 inch depth May 2001





PCBs in NBH Area 1 Seafood Average values (2005, 2006)





Cleanup Decisions

1990 - Hot Spot ROD. 5 acres (14,000 cy) near Aerovox with PCB levels > 4,000 ppm.

1998 - Upper and Lower Harbor ROD. ~270 acres (880,000 cy)

Sediment cleanup levels (seafood consumption risk):

10 ppm - upper harbor

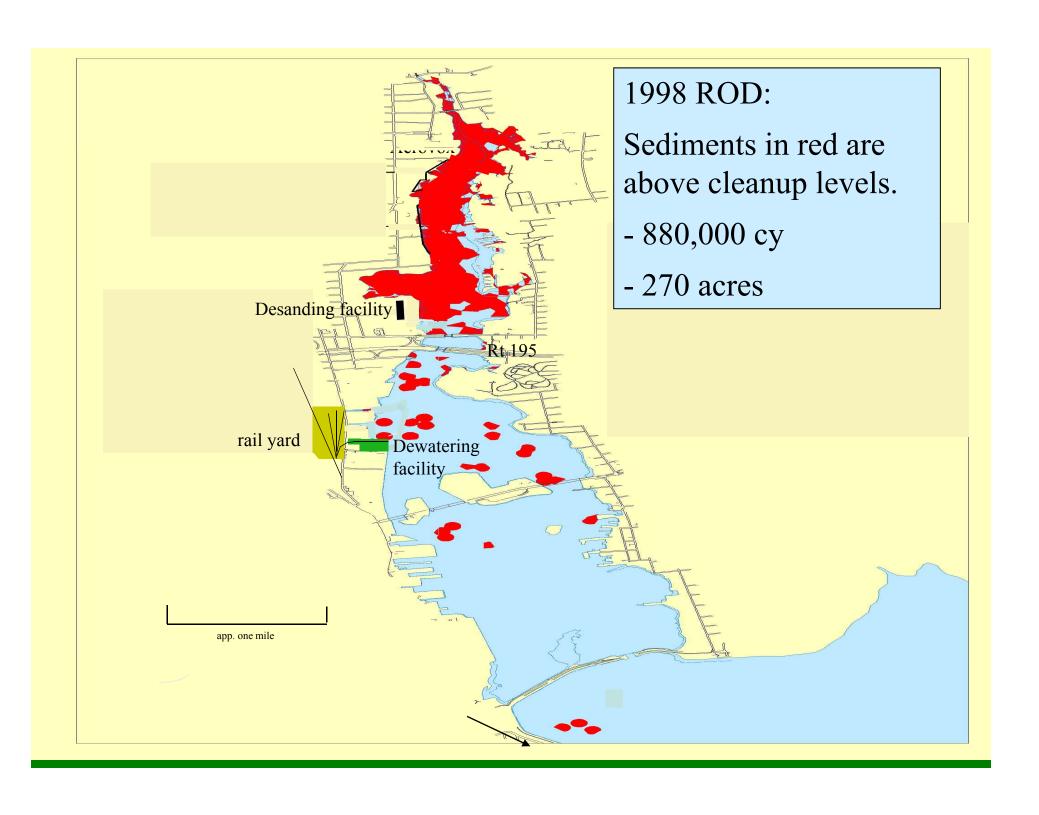
50 ppm - lower harbor

Shoreline soil cleanup levels (dermal contact risk):

1 ppm - residential areas

25 ppm - recreational areas

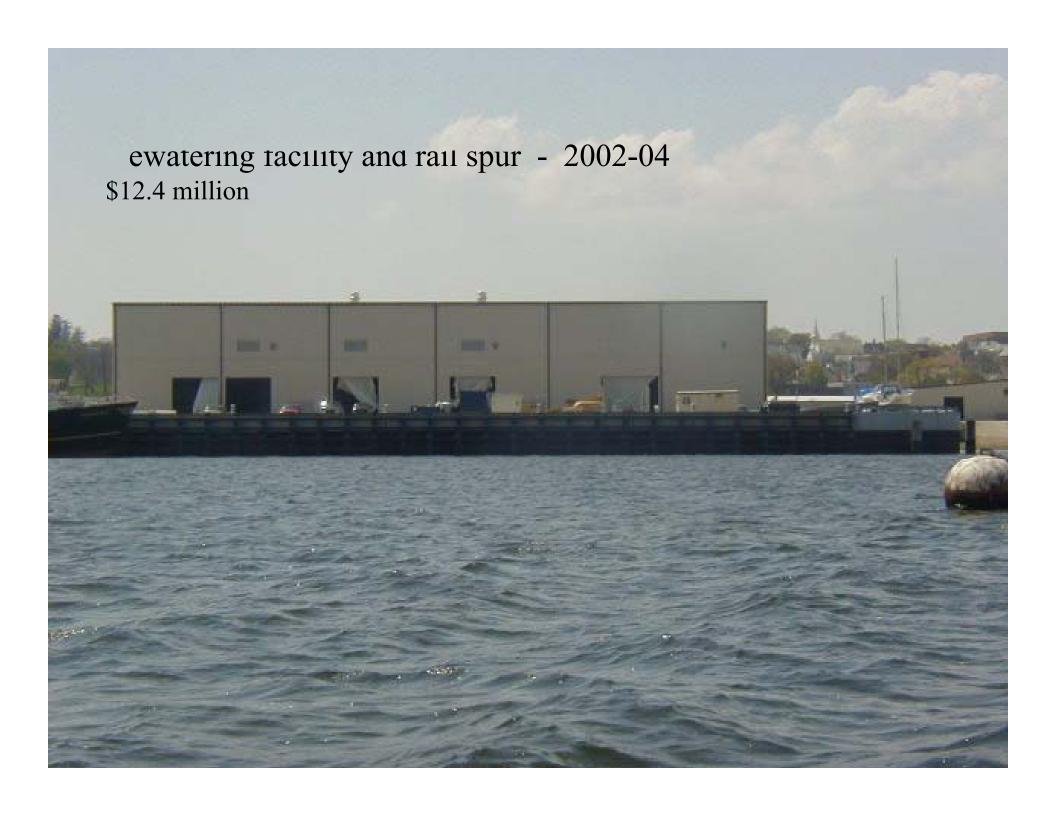
50 ppm - industrial areas and (remote) wetlands



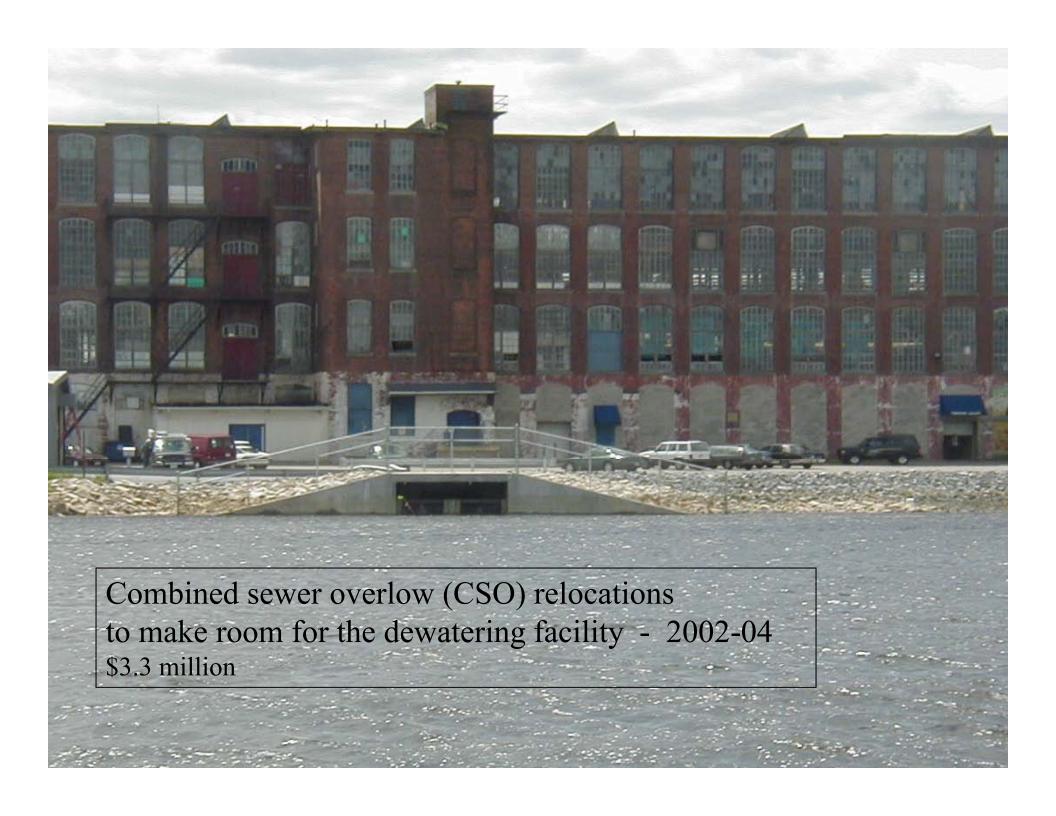


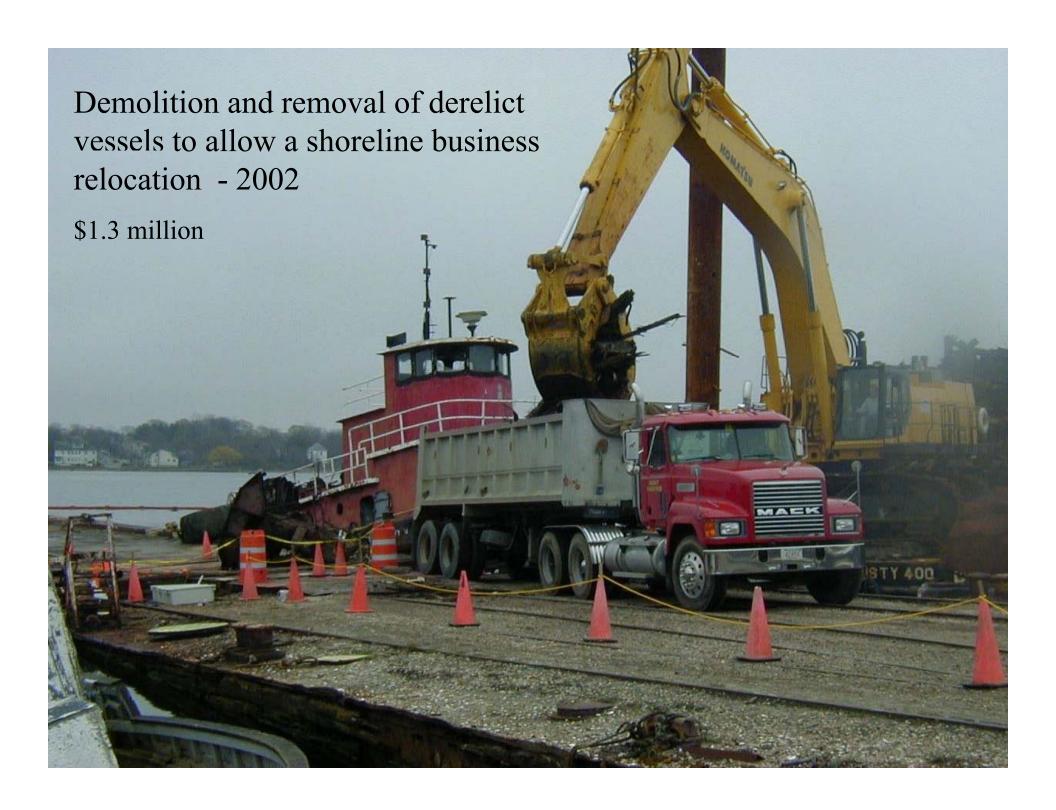


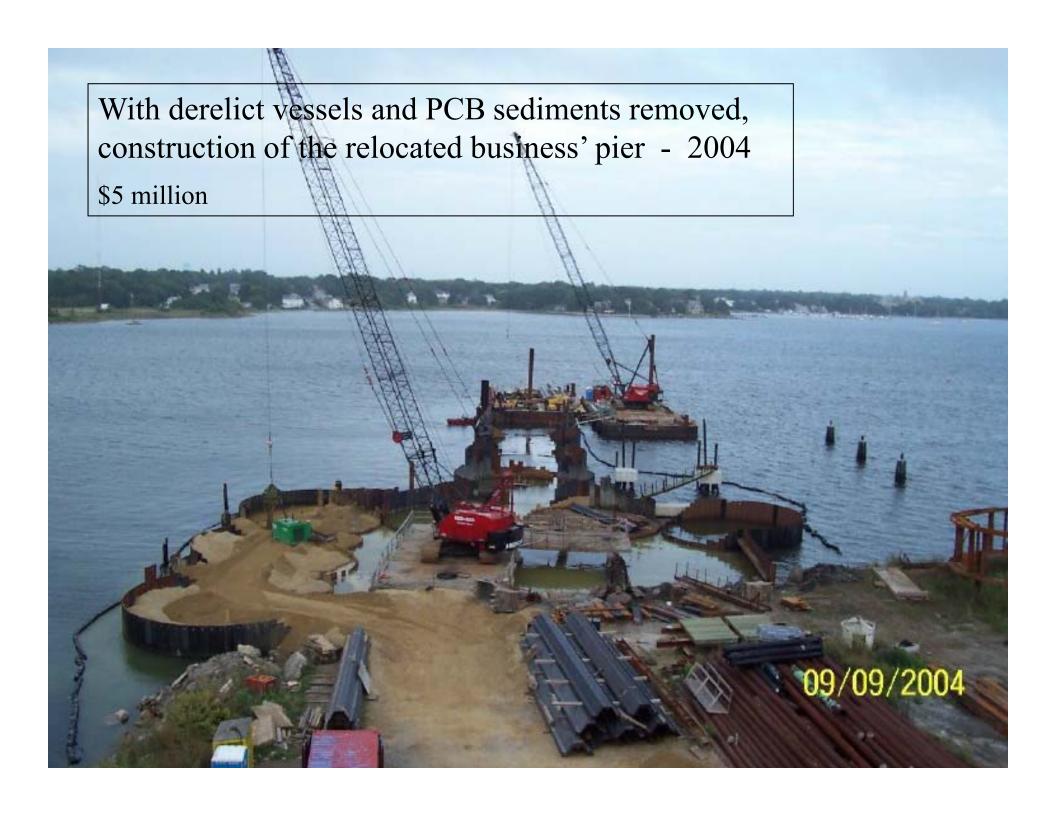






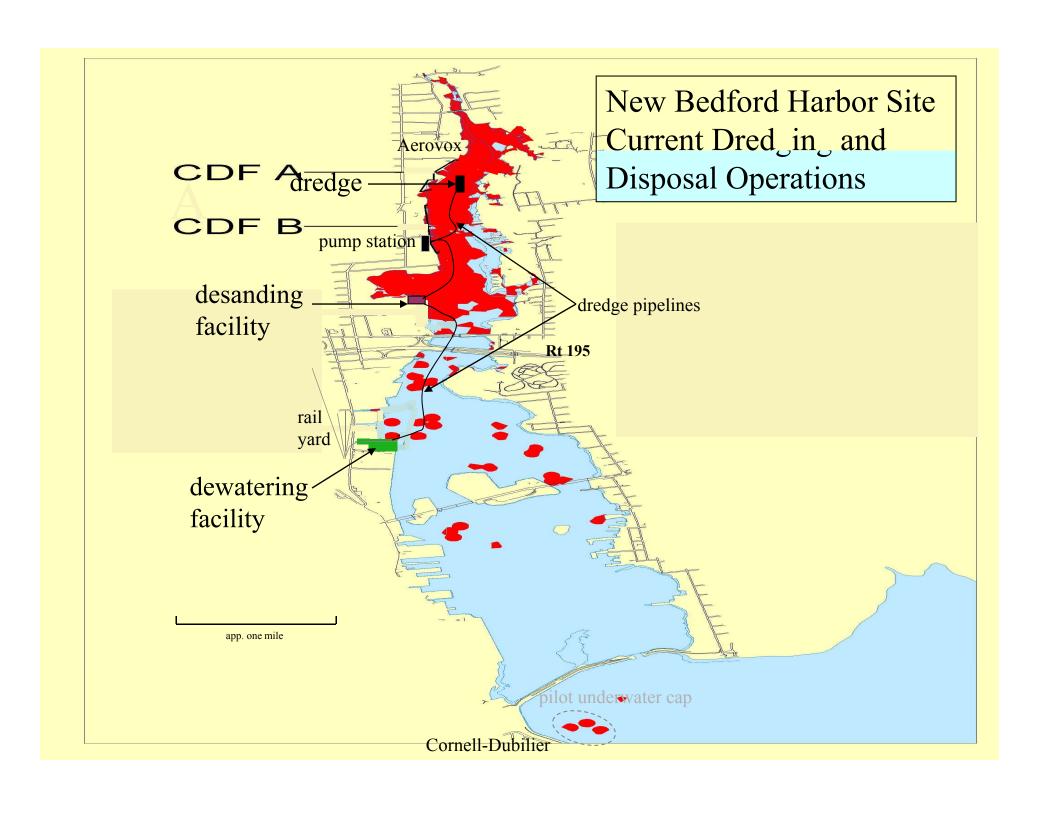








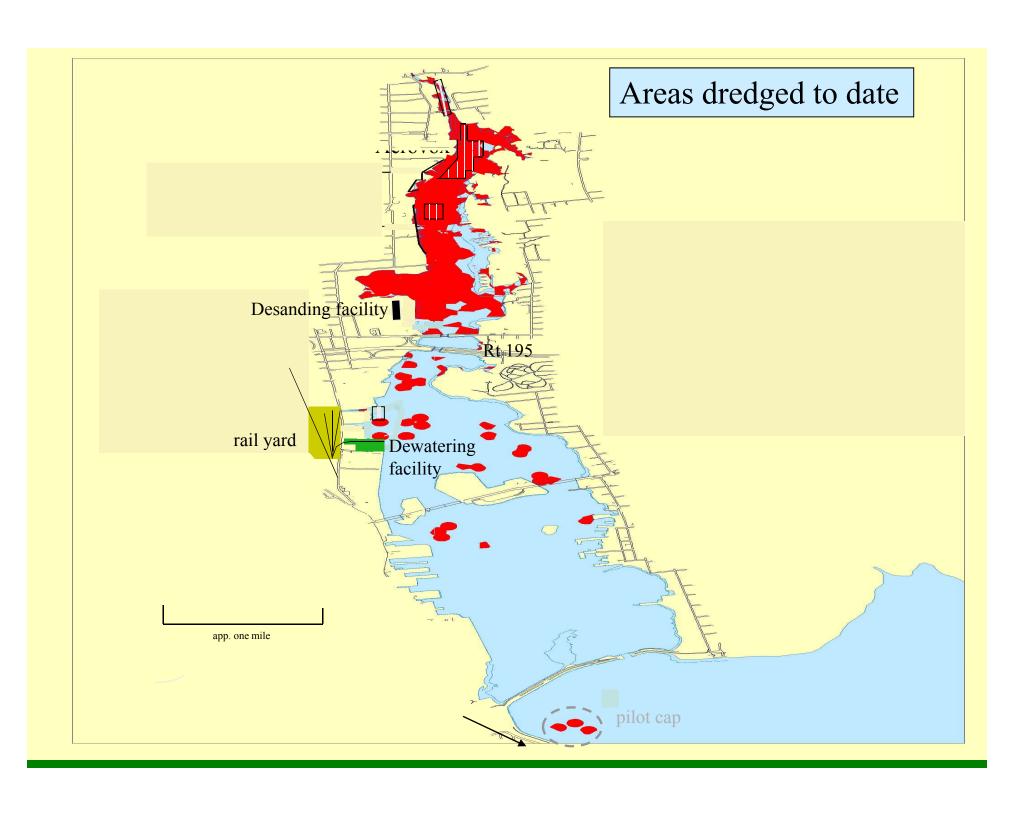








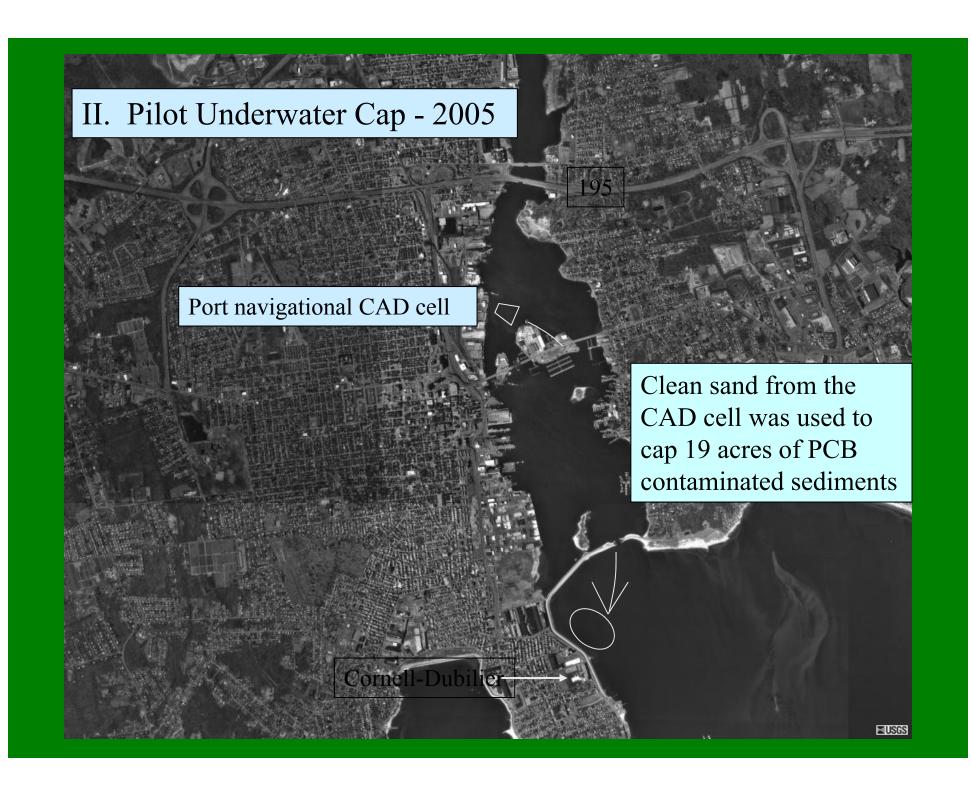


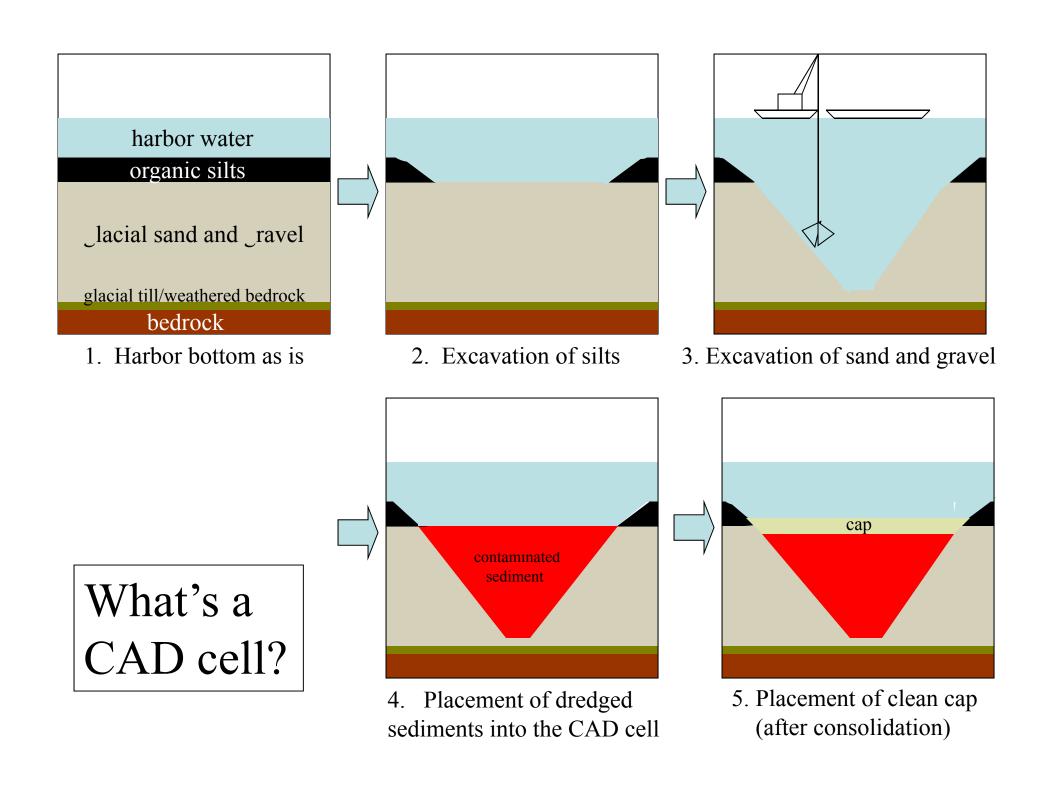


Cost and Schedule Estimate for Current Approach

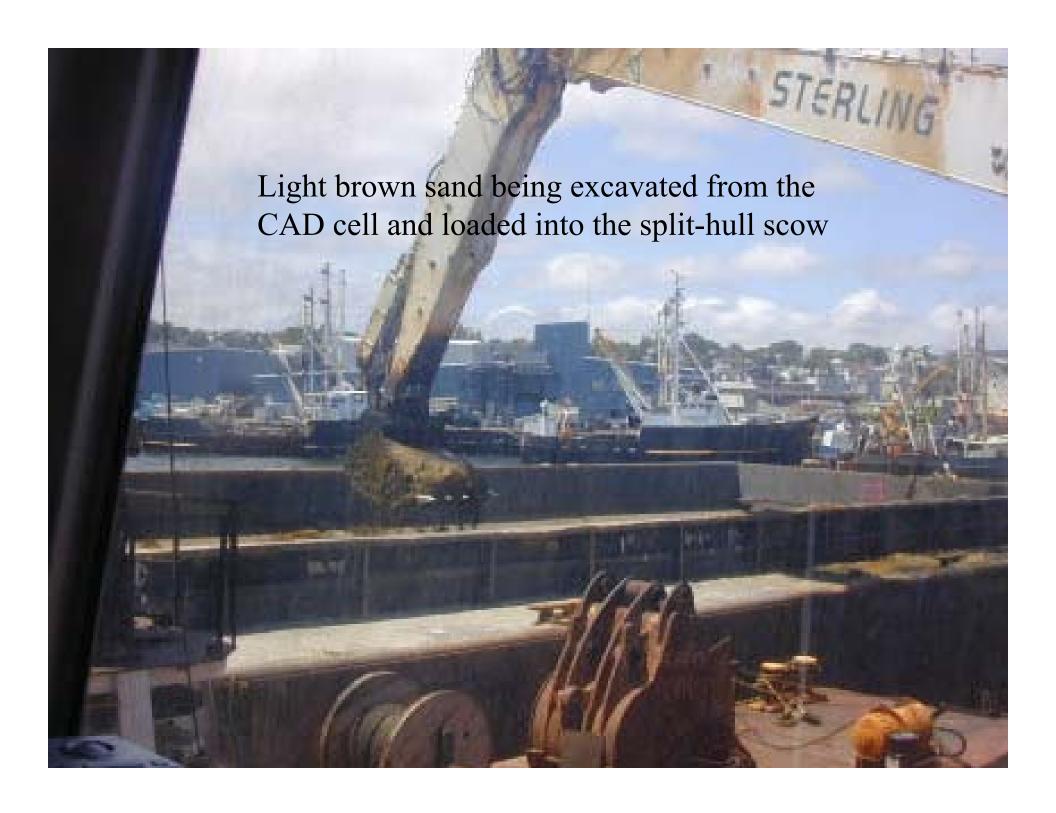
3.5% annual inflation assumed



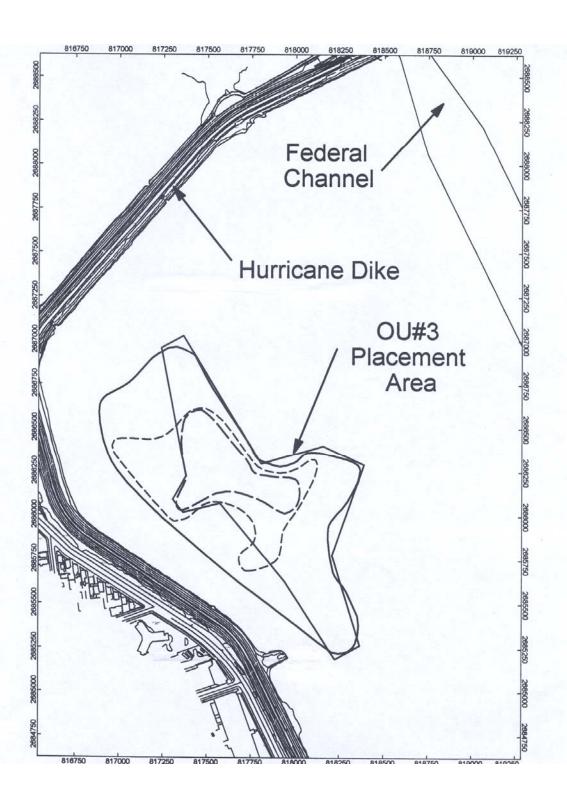




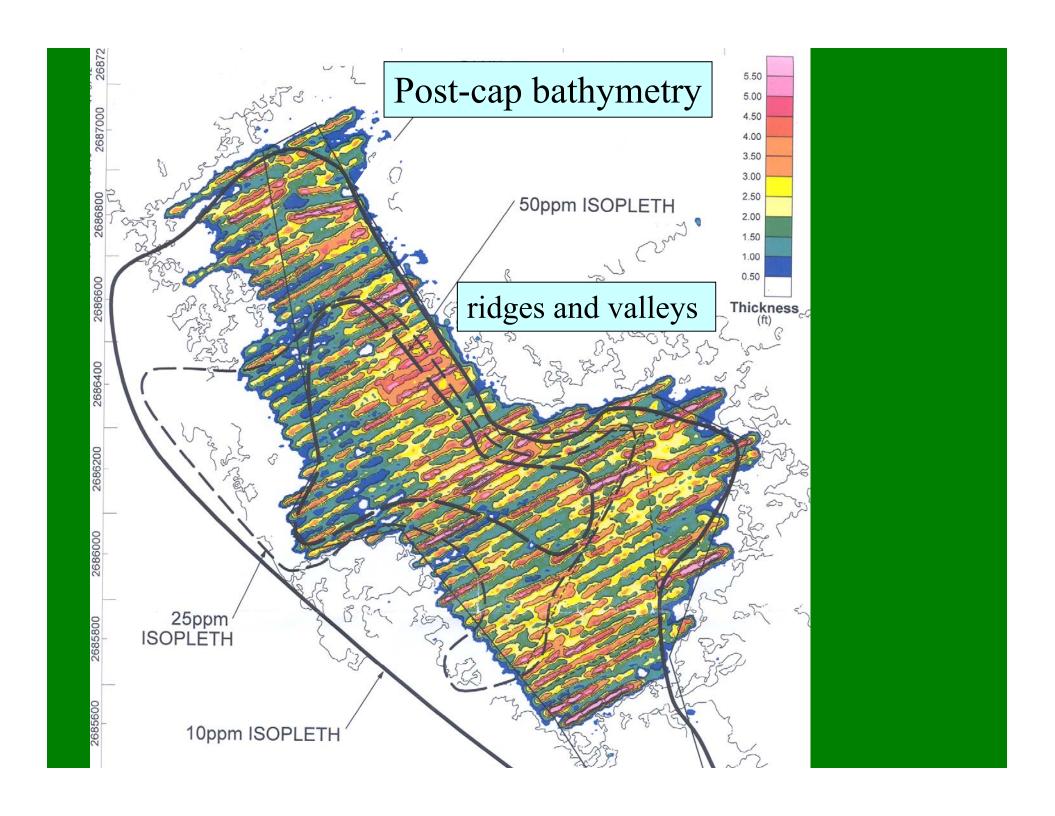


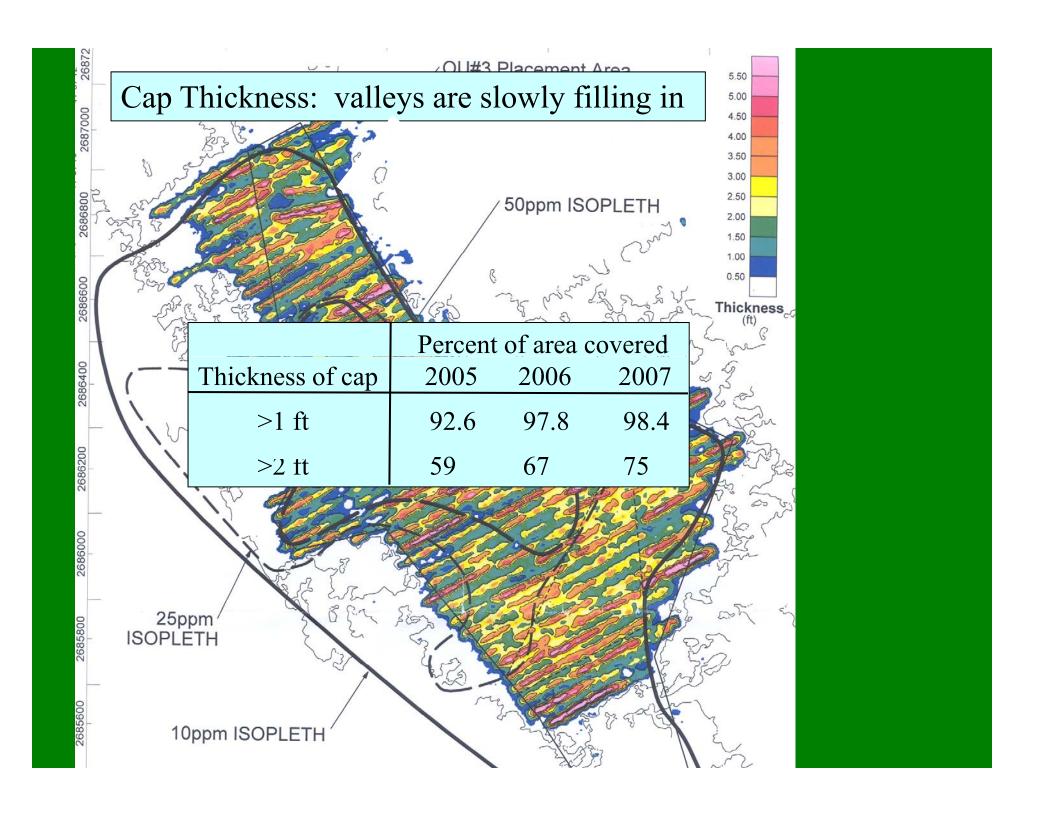


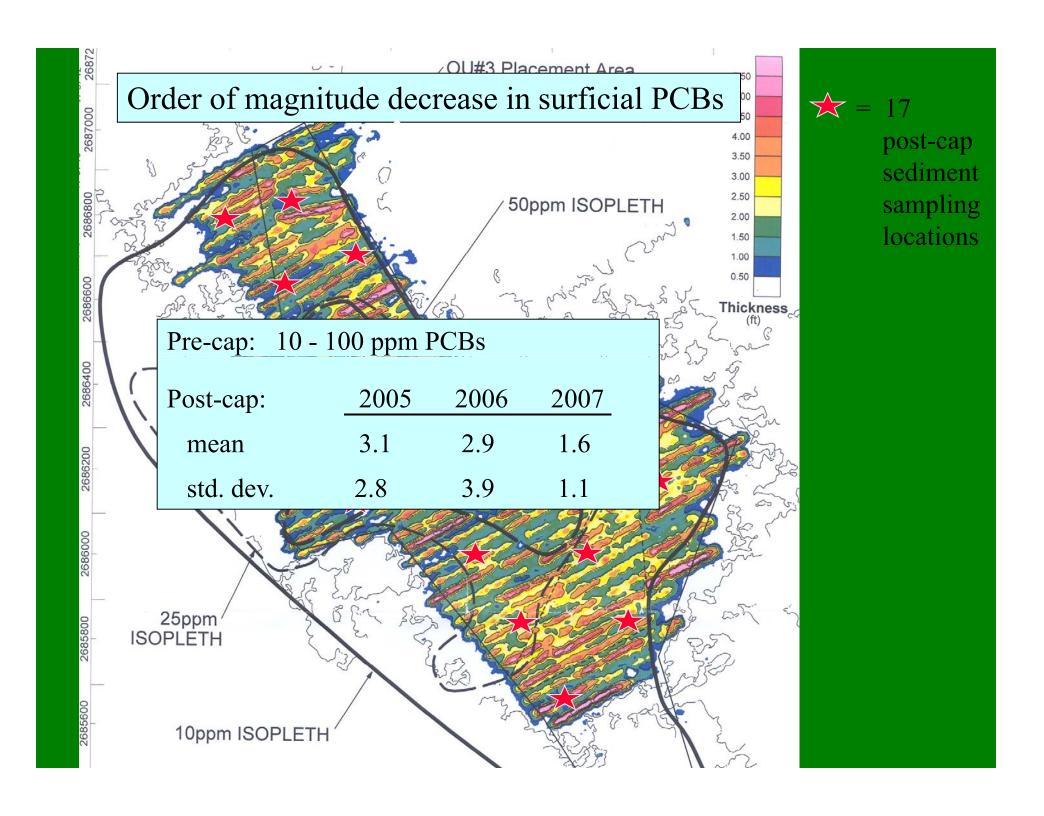




Post-cap monitoring to date









Biological monitoring: to be part of ou3 RI/FS (sediment toxicity, bioaccumulation, benthic enumeration)

Shown: sediment profiling camera of pre-cap conditions

REDACTED

CAD cell alternative

Technical evaluation will include:

- 1. Releases to water column during placement (to be minimized by temp. perimeter sheetpile wall)
- 2. Releases to GW and SW over long term
- 3. Air quality impacts?
- 4. Disposal of excavated organic silts
- 5. Disposal or reuse of excavated sand/gravel
- 6. Schedule and cost to complete

REDACTED

Initiatives for 2008

- 1. Demolition of Aerovox building
 - site mob Dec 08?
- 2. Remediation of Aerovox shoreline
 - % levels of PCBs, VOCs
 - land based excavation
 - cement stabilization
 - May/June 08
- 3. Finish ou3 underwater cap
 - fall 08 using clean material from port's latest navigational CAD cell
- 4. More modeling!

